

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106344

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79905
Calibratation STD Hexa Chrome 0.5 PPM	WP79906
Calibration Std. hexchrome 0.1 ppm	WP79911
Calibration Std. hexchrome 0.05 ppm	WP79910
calibration std. hexchrome 0.01 ppm	WP79909
calibration std. hexchrome 0 ppm	WP79908
Hexavalent Chromium ICV Std.	WP79913
Hexavalent Chromium CCV Std	WP79912
Hexavalent Chromium LCS Std	WP79914
hexavalent chromium color reagent	WP79867
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79907

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.10	0.000	0.000	0.000	11/17/2019	14:45
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	11/17/2019	14:45
3	CAL3	0.025	1	100	100		1.60	0.000	0.020	0.020	11/17/2019	14:46
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	11/17/2019	14:46
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	11/17/2019	14:47
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	11/17/2019	14:47
7	CAL7	1	1	100	100		2.05	0.000	0.800	0.800	11/17/2019	14:48

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.10	0.000	0.382	0.382	0.478	11/17/2019	14:48
2	ICB		1	100	100		1.56	0.000	0.000	0.000	0.000	11/17/2019	14:49
3	CCV1	0.5	1	100	100		1.60	0.000	0.378	0.378	0.473	11/17/2019	14:50
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	11/17/2019	14:50
5	PB124895BL		1	2.51	100	7.12	2.05	0.000	0.000	0.000	0.000	11/17/2019	14:51
6	PB124895BS	20	1	2.52	100	7.15	1.65	0.000	0.352	0.352	0.440	11/17/2019	14:51
7	K5865-07		1	2.50	100	7.50	1.65	0.013	0.013	0.000	0.000	11/17/2019	14:52
8	K5865-07DUP		1	2.54	100	7.50	2.05	0.013	0.014	0.001	0.002	11/17/2019	14:52
9	K5865-07MSPre	40	2	2.52	100	7.85	2.01	0.014	0.267	0.253	0.317	11/17/2019	14:53
10	K5865-07MS2Ins	1284	40	2.54	100	7.25	2.15	0.014	0.660	0.646	0.808	11/17/2019	14:53
11	K5865-07MS3Post	40	2	2.51	100	7.65	2.01	0.014	0.353	0.339	0.424	11/17/2019	14:54
12	K5865-08		1	2.52	100	7.50	1.89	0.010	0.020	0.010	0.013	11/17/2019	14:54
13	K5865-09		1	2.50	100	7.12	1.80	0.025	0.026	0.001	0.002	11/17/2019	14:55
14	K5865-10		1	2.53	100	7.85	2.15	0.014	0.014	0.000	0.000	11/17/2019	14:55
15	CCV2	0.5	1	100	100		2.05	0.000	0.379	0.379	0.474	11/17/2019	14:56
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	11/17/2019	14:56
17	K5865-11		1	2.51	100	7.85	2.05	0.024	0.024	0.000	0.000	11/17/2019	14:57
18	K5865-12		1	2.50	100	7.15	2.00	0.009	0.009	0.000	0.000	11/17/2019	14:57
19	K5865-13		1	2.50	100	7.25	2.01	0.019	0.019	0.000	0.000	11/17/2019	14:58
20	K5865-14		1	2.54	100	7.15	2.15	0.008	0.020	0.012	0.015	11/17/2019	14:58
21	K5865-15		1	2.55	100	7.85	2.03	0.011	0.011	0.000	0.000	11/17/2019	14:59
22	K5865-16		1	2.54	100	7.15	2.01	0.013	0.013	0.000	0.000	11/17/2019	14:59
23	K5865-17		1	2.51	100	7.85	2.10	0.013	0.013	0.000	0.000	11/17/2019	15:02
24	K5865-18		1	2.50	100	7.20	1.89	0.010	0.010	0.000	0.000	11/17/2019	15:02
25	PB124896BL		1	2.56	100	7.25	1.98	0.000	0.000	0.000	0.000	11/17/2019	15:03
26	PB124896BS	20	1	2.54	100	7.35	1.97	0.000	0.360	0.360	0.450	11/17/2019	15:03
27	CCV3	0.5	1	100	100		1.96	0.000	0.380	0.380	0.475	11/17/2019	15:04
28	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	11/17/2019	15:04
29	K5865-19		1	2.53	100	7.22	2.05	0.021	0.022	0.001	0.002	11/17/2019	15:05
30	K5865-19DUP		1	2.51	100	7.24	1.95	0.021	0.022	0.001	0.002	11/17/2019	15:05
31	K5865-19MSPre	40	2	2.50	100	7.30	2.15	0.021	0.359	0.338	0.423	11/17/2019	15:06
32	K5865-19MS2Ins	1284	40	2.53	100	7.25	1.89	0.021	0.645	0.624	0.780	11/17/2019	15:06
33	K5865-19MS3Post	40	2	2.54	100	7.12	2.05	0.022	0.434	0.412	0.515	11/17/2019	15:07
34	K5865-20		1	2.52	100	7.15	1.94	0.030	0.030	0.000	0.000	11/17/2019	15:08
35	K5865-21		1	2.50	100	7.50	1.92	0.032	0.032	0.000	0.000	11/17/2019	15:08
36	K5865-22		1	2.53	100	7.50	1.97	0.033	0.033	0.000	0.000	11/17/2019	15:09
37	K5865-23		1	2.51	100	7.85	2.05	0.014	0.014	0.000	0.000	11/17/2019	15:10
38	K5904-01		1	2.50	100	7.25	1.87	0.032	0.032	0.000	0.000	11/17/2019	15:10
39	CCV4	0.5	1	100	100		2.10	0.000	0.382	0.382	0.478	11/17/2019	15:11
40	CCB4		1	100	100		1.95	0.000	0.000	0.000	0.000	11/17/2019	15:12
41	K5904-02		1	2.52	100	7.65	1.96	0.020	0.020	0.000	0.000	11/17/2019	15:12
42	K5904-03		1	2.53	100	7.36	2.05	0.015	0.015	0.000	0.000	11/17/2019	15:13

43	K5904-04		1	2.54	100	7.18	1.92	0.013	0.013	0.000	0.000	11/17/2019	15:13
44	K5904-05		1	2.51	100	7.27	2.10	0.011	0.011	0.000	0.000	11/17/2019	15:14
45	K5904-06		1	2.54	100	7.29	2.01	0.015	0.025	0.010	0.013	11/17/2019	15:14
46	K5904-07		1	2.55	100	7.50	2.02	0.013	0.013	0.000	0.000	11/17/2019	15:15
47	CCV5	0.5	1	100	100		1.95	0.000	0.380	0.380	0.475	11/17/2019	15:16
48	CCB5		1	100	100		1.96	0.000	0.000	0.000	0.000	11/17/2019	15:16